

Amendments to the Claims:

The following listing of the claims replaces all previous listings and versions of the claims in the application:

Listing of the Claims:

1. (Currently Amended) A method of separating the meat of egg-bearing shrimps from the shells and eggs of said shrimps, comprising the following steps:

a) steam boiling said shrimps at a high pressure exceeding the atmospheric pressure, and at an elevated temperature exceeding the boiling temperature of water at the atmospheric pressure for a specific period of time for keeping the meat of said shrimps in a compressed state due to the pressurization, while rapidly heating said shrimps to said elevated temperature for causing the meat of said shrimps to solidify and to loosen from the shells of said shrimps;

b) rapidly cooling said shrimps to a temperature at or below the atmospheric temperature for causing substantially all meat of said shrimps to be separated from the shells of said shrimps between an area behind the head of ~~[[the]]~~ each individual shrimp and a part above the tail of ~~[[the]]~~ each individual shrimp;

c) peeling said shrimps by ~~mechanically opening~~ engaging the shells with rollers to open the shells of the shrimps for allowing the meat loosely contained within the shells of said shrimps to fall out from the shells of said shrimps;

d) separating the meat of said shrimps from the shell parts and eggs of the shrimps, by flotation separation of the meat from said shell parts and eggs₂ by introducing the meat with the shell parts and eggs attached thereto into a brine solution, including 6-14% NaCl by weight₂ for causing the meat to float on said brine solution₂ while allowing the shell parts and eggs~~[[.]]~~ to sink; and

e) removing the meat from said brine solution.

2. (original) The method according to claim 1, said pressure in step a) being in the range of 4-20 bar.

3. (original) The method according to claim 1, said temperature in step a) being in the range of 150°C-250°C.
4. (original) The method according to claim 1, said specific period of time in step a) being less than 20 sec.
5. (original) The method according to claim 1, said temperature in step b) being in the range of 0°C-20°C.
6. (original) The method according to claim 1, said boiling being performed in a pressurized boiler in a continuous operation.
7. (original) The method according to claim 1, said boiling being performed in a pressurized boiler in an intermittent batch operation.
8. (original) The method according to claim 1, said rapid cooling being performed by introducing said boiled shrimps into a water cooling bath.
9. (cancelled)
10. (Previously Presented) The method according to claim 1, further including, prior to step d), a step selected from the group consisting of forcedly introducing said peeled shrimps into said brine solution and stirring said peeled shrimps in said brine solution for causing a physical separation of the meat from the shell parts and eggs.

Claims 11-25: (cancelled)